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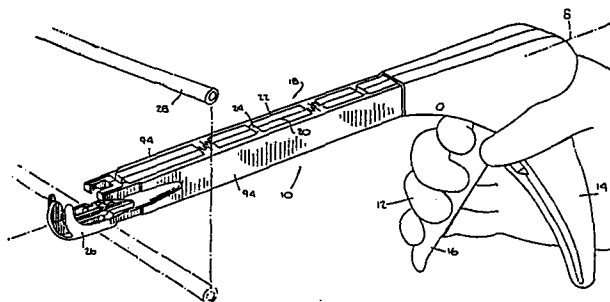
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(54)

Method and apparatus for surgical occluding and cutting.

(57)

In surgical instrument (10) for ligating and dividing a tubular vessel (28). The instrument (10) has two spaced apart channels (24), each containing surgical ligatures of plastic or plastic-like material. A pusher mechanism associated with each of the channels (24) advances the ligatures along the channels (24). A cutting mechanism intermediate the two channels (24) is used to divide the tubular vessel (28). An actuating mechanism is connected to the pusher mechanism and to the cutting mechanism for initiating operation thereof. A sub-housing (94) is associated with each of the channels (24) and is movable with respect to the ligatures and with respect to the cutting mechanism. Ligatures are placed at two spaced apart positions of the tubular vessel (28) to effect ligation. The vessel (28) is divided intermediate the spaced apart ligatures while the vessel (28) is advanced so as to facilitate ejection of the ligatures and prevent stretching of the tissue.



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EUROPEAN SEARCH REPORT

0121475 Application number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 84400636.1
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3 3)
X	US - A - 3 175 556 (E. WOOD et al.)	1	A 61 B 17/12
Y	* Totality, especially column 4, lines 28-35 *	1-4, 8-10	A 61 B 17/32
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D, Y	US - A - 4 086 926 (D.T. GREEN et al.)	1-4, 8-10	
	* Totality *		
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A	DE - B2 - 2 546 696 (UNITED STATES SURG. CORP.)	1	
	* Totality *		
D	& US-A-3 955 581		
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D, A	US - A - 4 349 028 (D.T. GREEN)	1	TECHNICAL FIELDS SEARCHED (Int. Cl. 3 3)
	* Totality *		
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A	US - A - 3 006 344 (I.J. VOGEL-FÄNGER)	1	A 61 B 17/00
	* Totality *		
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A	US - A - 4 026 294 (M. MATTLER)	1	
	* Totality *		
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A	US - A - 3 775 825 (E. WOOD et al.)	1	
	* Totality *		

The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 10-12-1985	Examiner LUDWIG
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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